Ø1001

FEB 2 3 2005

DATE: <u>February 23, 2005</u>

7 pages, including cover page.

TELECOPIER TRANSMITTAL SHEET

TO: USPTO

TELECOPIER TELEPHONE NUMBER: TO: (703) 872-9306

FROM: Thomas Triolo TELEPHONE NO. (908) 298-2347

SCHERING-PLOUGH CORPORATION

PATENT DEPARTMENT K-6-1, 1990 KENILWORTH, NEW JERSEY 07033 UNITED STATES OF AMERICA TELECOPIER NO. (908) 298-5388

IF THERE IS A PROBLEM WITH THIS TRANSMISSION, PLEASE CALL: (908) 298-5209

PLEASE HAND DELIVER

In re Application of: Thomas J. Hosted, et al.

For Patent entitled: "Isolation of micromonospora carbonacea var africana pMLP1

integrase and use of integrating function for site-specific

integration into micromonospora halophitica and micromonospora

carbonacea chromosome"

Filed: May 15, 2001

Attorney Docket No.: IN01164K

Serial No.: 09/855.340

Transmitted herewith are:

- Fax Cover Sheet (1 pg.)
- Response Transmittal (1 pg.)
- Certificate of Fax Transmission (1 pg.)
- Response to Notice of Non-Compliant Amendment (4 pgs.)

Thomas Triolo

Registration No. 48,001

CONFIDENTIALITY NOTE: THE DOCUMENT(S) ACCOMPANYING THIS TELECOPY TRANSMISSION CONTAIN INFORMATION BELONGING TO SCHERING-PLOUGH CORPORATION WHICH IS CONFIDENTIAL AND/OR LEGALLY PRIVILEGED. THE INFORMATION IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. IF YOU HAVE RECEIVED THIS TELECOPY IN ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE.

Attorney Docket No.: IN01164K Application No.: 09/855,340 Filing Date: May 15, 2001

First Named Inventor: Thomas J. Hosted et al.

PTO/SB/97 (08-03)
Approved for use through 07/31/2005. CMB 0651-0031
U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it contains a valid CNAB control number

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office (Fax No. 703-872-9306)

on February 23, 2005

Date

Signature

Thomas Triolo

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Document(s) being transmitted:

Certificate of Fax Transmission under 37 CFR 1.8 (1 pg.)

Fax Cover Sheet (1 pg.)

Response Transmittal (1 pg.)

Response to Notice of Non-Compliant Amendment (4 pgs.)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to fite (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is assituated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. The will very depending upon the including case. Any comments on the amount of time you require to complete this form antion suggestions for reducing this burder, should be sent to the Chief information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patentia, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

•	U,S. F	PRODUCT (U200) Approved for use through 07/31/2006. OMB 0551-0031 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995.	Application Number	lection of information unless it displays a valid CA/B control number. 09/855,340
TRANSMITTAL	Filing Date	May 15, 2001
FORM	First Named Inventor	Thomas J. Hosted et al.
701411	A-11-4	1636
(to be used for all correspondence after initial fi	Examiner Name	1030
		Gerald G. Leffers, Jr.
Total Number of Pages in This Submission	7 Attorney Docket Number	IN01164K
Table Hallmoot of Cages in 1990		
ENCLOSURES (Check all that apply) After Allowance communication		
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abendonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Terminal Disclaimer Request for Refund CO, Number of CD(s) Remarks	Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): Certificate of Fax Transmission under 37 CFR 1.8 (1 pg.), Fax Cover Sheet (1 pg.), Response Transmittal (1 pg.)
Response to Missing Parts under 37 CFR 1.52 or 1.53		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name Thomas Triolo, Reg. Signature Date February 23, 2005	No. 48,001	Tristo
	ERTIFICATE OF TRANSMIS	SION/MAILING
	saine faccimile (macmitted to the LISE	PTO or deposited with the United States Postal Service with for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on
Typed or printed name Thomas Triol		
Signature	Man Irid	Date February 23, 2005

This collection of Information is required by 3 CFR 1.5. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case, Any comments on the amount of time you require to complete this form and/or suggestions for roducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PLEASE CHARGE ANY DEPICIENCY UP TO \$300.00 OR CHEDIT ANT EXCESS IN THE FEED DUE WITH THIS DOCUMENT TO OUR DEPOSIT ACCOUNT NO. 19-0365

Appl. No. : 09/855,340

Applicant : Thomas J. Hosted, Jr. et al.

Filed : May 15, 2001

TC/AU : 1636

Examiner : Gerald G. Leffers, Jr.

Docket No.: IN01164-K-US Confirmation No.: 9296

Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

Sir:

This is in response to the Notice of Non-Compliant Amendment mailed February 11, 2005 in the above-reference application. Enclosed are the corrected, amended claims which comply with 37 C.F.R. § 1.121. The Notice indicates that some of the amended claims are marked "Amended" whereas they should be marked "Currently Amended". The enclosed amended claims are properly marked "Currently Amended".

Respectfully submitted,

Date: 16/ 23, 2005

Thomas Triolo, Ph.D. Registration No. 48,001 Agent for Applicant(s)

Schering-Plough Corporation Patent Department; K-6-1, 1990 2000 Galloping Hill Road Kenilworth, NJ 07033 908-298-2347